

Application No. 10/584,432
Amendment dated August 29, 2008
Reply to Office Action of June 12, 2008

AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claim 1 (currently amended): A coating for prevention of sticking of marine lives comprising,

100 parts by weight of a main agent that contains ~~a modified~~an epoxy resin and, as a filler, silicon dioxide powder, which is impregnated with a mixed solution obtained by dissolving calcined animal bone powder in a liquid mixture of sulfamic acid and boric acid; and

20 to 30 parts by weight of a curing agent, relative to the ~~modified~~ epoxy resin.

Claim 2 (original): A coating according to claim 1, wherein a mixing ratio for sulfamic acid and boric acid is 70 parts by weight of sulfamic acid to one to three parts by weight of boric acid.

Claim 3 (previously presented): A coating according to claim 1, wherein the animal bone powder is powder obtained by boiling cattle bones, which are raw animal bones, calcining the cattle bones at around 900°C to 1100°C and pulverizing the cattle bones that have been calcined.

Claim 4 (previously presented): A coating according to claim 1, wherein the epoxy resin is a liquid epoxy resin of bisphenol A and/or a liquid epoxy resin of bisphenol F.

Claim 5 (currently amended): A coating according to claim 1, wherein the curing agent for the main agent is ~~modified~~ aliphatic polyamine and/or polyamideamine.

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Claim 6 (previously presented): A coating according to claim 1, which is a two-liquid mix type for which the main agent and the curing agent are to be mixed before coating is performed.

Claim 7 (currently amended): A method for preparing a coating for prevention of sticking of marine lives comprising the steps of:

mixing 10 to 40 parts by weight of animal bone powder with a liquid mixture wherein 1 to 3 parts by weight of boric acid has been added to 70 parts by weight of sulfamic acid, and dissolving the animal bone powder in the liquid mixture at a temperature of 80°C to 100°C for 10 to 30 minutes;

impregnating, with 100 parts by weight of silicon dioxide, 100 parts by weight of a mixed solution that has been obtained;

drying and pulverizing silicon dioxide impregnated with the mixed solution;
mixing and agitating 20 to 30 parts by weight of silicon dioxide, which has been dried and pulverized, with 100 parts by weight of ~~a modified an~~ epoxy resin, and immediately before coating, blending 100 parts by weight of a coating main agent thus obtained with 20 to 30 parts by weight of a curing agent.

Claim 8 (previously presented): A coating according to claim 2, wherein the animal bone powder is powder obtained by boiling cattle bones, which are raw animal bones, calcining the cattle bones at around 900°C to 1100°C and pulverizing the cattle bones that have been calcined.

Claim 9 (previously presented): A coating according to claim 3, wherein the epoxy resin is a liquid epoxy resin of bisphenol A and/or a liquid epoxy resin of bisphenol F.

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Claim 10 (currently amended): ~~Claim 5 (currently amended)~~: A coating according to claim 4, wherein the curing agent for the main agent is ~~modified aliphatic~~ polyamine and/or polyamideamine.